Inconel Crucibles (straight wall)
An economical substitute for platinum

Inconel alloy 601 has excellent resistance to oxidation in the 1000°C to 1200°C temperature range and also has good corrosion resistance to many acid and aqueous salt solutions. This high resistance to oxidation, carburization or sulfidation makes Inconel alloy 601 well suited for determining moisture, volatiles, fixed carbon and ash in most coal and coke products, or wood pulp or fiber. The alloy is well suited for use with sodium hydroxide solutions and exhibits good resistance to nitric acid and low concentrations of phosphoric acid. It is also unaffected by rapid changes from hot to cold and retains its mechanical strength at elevated temperatures. Strong alkaline or oxidizing fusions are not recommended with Inconel alloy 601.

<table>
<thead>
<tr>
<th>Inconel Straight Wall</th>
<th>Crucible</th>
<th>Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPACITY ML</td>
<td>OUTSIDE DIA IN. MM</td>
<td>DEPTH IN. MM</td>
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<tr>
<td>5</td>
<td>0.83</td>
<td>21</td>
</tr>
<tr>
<td>10</td>
<td>1.07</td>
<td>27</td>
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<tr>
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<td>1.32</td>
<td>33</td>
</tr>
<tr>
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<td>1.32</td>
<td>33</td>
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<td>1.84</td>
<td>47</td>
</tr>
<tr>
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<td>1.84</td>
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<tr>
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<tr>
<td>250</td>
<td>3.25</td>
<td>83</td>
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<tr>
<td>500</td>
<td>4.09</td>
<td>104</td>
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<tr>
<td>1000</td>
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<tr>
<td>1500</td>
<td>6.00</td>
<td>152</td>
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Above sizes and capacities approximate.

Standard thickness .040”

Effective January 1, 2019 - FOB Albany, Oregon USA
Prices may be subject to change without notice.
Inconel alloy 601 crucibles may be your answer to high-temperature applications requiring resistance to oxidation and spalling where platinum has traditionally been relied up.

<table>
<thead>
<tr>
<th>CAPACITY ML</th>
<th>TOP DIA IN.</th>
<th>BOTTOM DIA IN.</th>
<th>DEPTH IN.</th>
<th>PART NUMBER</th>
<th>PRICE EA US $</th>
<th>COVER PART NUMBER</th>
<th>PRICE EA US $</th>
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<td>CALL</td>
<td>30-1500LC</td>
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</tbody>
</table>

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